

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| L1 | 14 | microphone and (vocal adj cord \$1) and whisper | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/10/08 12:31 |
| L2 | 1081 | ((381/151-152).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2009/10/08 12:31 |
| L3 | 0 | L1 and L2 and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/10/08 12:31 |
| L4 | 388 | ((("455"/\$).ccls.) and (hearing adj aid) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/08 12:32 |
| L5 | 144 | L4 and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/10/08 12:32 |
| L6 | 1375 | ((704/271 or 704/233).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2009/10/08 12:34 |
| L7 | 126 | microphone and (vocal) and whisper | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/10/08 12:34 |
| L8 | 6 | L7 and L6 and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/10/08 12:34 |
| L9 | 502 | ((381/375-376 or 381/181).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2009/10/08 12:34 |
| L10 | 1 | L7 and L9 and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/10/08 12:34 |
| S1 | 52 | ((("20050244020") or ("6343269") or ("5995590") or ("5313556") or ("6470316") or ("6420975") or ("5640490") or ("5873062") or ("5465317") or ("4445229") or ("7110801") or ("20040137969") or ("20040186726") or ("7031917") or ("20040054531") or ("20060143006") or ("6021207") or ("4379949") or ("4360708") or ("4941178") or ("5692059") or ("5659620") or ("5353376") or ("5953700") or ("6073098") or ("6310833") or ("3622706") or ("5478304") or ("20010036174") or ("20020001317") or | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2006/12/26 14:23 |

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|-----|-----|---|--|----|----|---------------------|
| | | ("4797924") or ("5594834") or ("5596679") or ("5638486") or ("5734793") or ("5812973") or ("5719935") or ("5729656") or ("20020152068") or ("4847885") or ("5729694") or ("6006175") or ("5681108") or ("5758322") or ("5897614") or ("6487531") or ("6711539") or ("6795807") or ("6963841") or ("6999924")).PN. | | | | |
| S2 | 4 | "0048434" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/27 10:32 |
| S3 | 85 | "48434" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/27 10:32 |
| S4 | 20 | "5802190" | USPAT | OR | ON | 2006/12/22 11:47 |
| S5 | 42 | murase.inv. and microphone | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/22 11:48 |
| S6 | 45 | ("2136720" "2470933" "2641327" "2773941" "3098127" "3610841" "3691319" "3826987" "3862378" "3869584" "4273969" "4529058" "4591668" "4654883" "4791673" "D117003").PN. OR ("4972468").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/22 11:50 |
| S7 | 0 | jijaahaado .inv. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/22 15:00 |
| S8 | 0 | eichiburetsukuboruto .inv. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/22 15:01 |
| S9 | 328 | ((381/67).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/22 15:01 |
| S10 | 169 | ((381/67).ccls.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:30 |
| S11 | 199 | ((381/151).ccls.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:29 |
| S12 | 41 | ((381/70).ccls.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/22 16:03 |
| S13 | 2 | stethoscope adj type adj microphone | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/23 11:47 |

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|-----|----|---|--------------------------------------|----|-----|------------------|
| S14 | 1 | microphone same sampl\$4 same (non adj (audible or sound or voice)) same motion same vibrat\$4 same (vocal adj cord\$1) same whisper same utter\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/23 15:11 |
| S15 | 1 | microphone and sampl\$4 and (non adj (audible or sound or voice)) and motion and vibrat\$4 and (vocal adj cord\$1) and whisper and utter\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/23 15:12 |
| S16 | 1 | microphone and sampl\$4 and (non adj (audible or sound or voice)) and (vocal adj cord\$1) and whisper and utter\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/23 15:12 |
| S17 | 1 | microphone and (non adj (audible or sound or voice)) and (vocal adj cord\$1) and whisper and utter\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/23 15:13 |
| S18 | 4 | microphone and (vocal adj cord \$1) and whisper and utter\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:28 |
| S19 | 7 | ("2151091").URPN. | USPAT | OR | ON | 2006/12/23 15:18 |
| S20 | 1 | ("2355287").URPN. | USPAT | OR | ON | 2006/12/23 15:23 |
| S21 | 1 | ("6487531").PN. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2006/12/26 11:20 |
| S22 | 12 | ((("5111501") or ("5390278") or ("5502774") or ("5535305") or ("5586215") or ("5596676") or ("5621809") or ("5640485") or ("5640490") or ("5664052") or ("5706397") or ("5805745")).PN. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2006/12/26 11:27 |
| S23 | 5 | "00138071" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/12/26 11:28 |
| S24 | 3 | "09711453" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/12/26 11:29 |
| S25 | 0 | communication same interface same ((analog adj digital adj converting) or A/D) same sampl \$4 same microphone same processor same (speech adj recognit\$4) same wireless | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2006/12/26 14:27 |
| S26 | 0 | ((analog adj digital adj converting) or A/D) same sampl \$4 same microphone same processor same (speech adj recognit\$4) same wireless | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2006/12/26 14:27 |

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|-----|------|--|--------------------------------------|----|----|------------------|
| S27 | 258 | ((analog adj digital adj converting) or A/D) and sampl \$4 and microphone and processor and (speech adj recognit\$4) and wireless | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2006/12/26 14:27 |
| S28 | 234 | communication and interface and ((analog adj digital adj converting) or A/D) and sampl \$4 and microphone and processor and (speech adj recognit\$4) and wireless | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2006/12/26 14:28 |
| S29 | 128 | communication and interface and ((analog adj digital adj converting) or A/D) and sampl \$4 and microphone and processor and (speech adj recognit\$4) and wireless and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2006/12/26 14:28 |
| S30 | 4 | microphone and (vocal adj cord \$1) and whisper and utter\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/12/28 09:29 |
| S31 | 417 | ((381/151-152).ccls.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:29 |
| S32 | 11 | microphone and (vocal adj cord \$1) and whisper | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/12/28 09:33 |
| S33 | 948 | ((381/151-152).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:29 |
| S34 | 0 | S32 and S33 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:34 |
| S35 | 328 | ((381/67 or 381/67).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:31 |
| S36 | 379 | ((381/326 or 381/70).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:31 |
| S37 | 418 | ((381/375-376 or 381/181).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:32 |
| S38 | 1069 | ((704/271 or 704/233).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:33 |
| S39 | 2092 | ((455/41.1-41.2 or 455/575.6).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:33 |
| S40 | 87 | microphone and (vocal) and whisper | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/12/28 09:34 |
| S41 | 0 | S40 and S33 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:34 |

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|-----|----|--|--|----|-----|---------------------|
| S42 | 0 | S40 and S35 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:34 |
| S43 | 1 | S40 and S36 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:36 |
| S44 | 1 | S40 and S37 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:37 |
| S45 | 5 | S40 and S38 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:37 |
| S46 | 0 | S40 and S39 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/28 09:37 |
| S47 | 14 | ("3730046" "3766318" "3878748" "3914550" "4039756" "4502150" "4550427" "4612664" "4672673" "4706292" "4993071" "5326349" "5381514").PN. OR ("5828758"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/28 09:38 |
| S48 | 1 | ("6343269").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/21 10:45 |
| S49 | 1 | ("4654883").PN. | US-PGPUB; USPAT | OR | OFF | 2007/07/21 10:45 |
| S50 | 11 | suct\$4 same member same diaphragm same microphone\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/19 12:45 |
| S51 | 0 | ("200410246862").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/04/21 10:58 |
| S52 | 2 | ("20040246862").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/04/21 10:58 |
| S53 | 6 | ((("4777961") or ("4181122") or ("6174278"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/04/21 11:00 |
| S54 | 58 | ((YOSHIAKI) near2 (OHBAYASHI)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/04/21 11:09 |
| S55 | 0 | diaphragm same adhesive same skin same suct\$3 same chamber same microphone\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/21 11:46 |
| S56 | 63 | diaphragm and adhesive and skin and suct\$3 and chamber and microphone\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/21 11:47 |

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|-----|-----|--|--|----|----|---------------------|
| S57 | 1 | ((("381"/\$).cccls.) and S56 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/21 11:47 |
| S58 | 11 | ((("600"/\$).cccls.) and S56 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/21 11:51 |
| S59 | 0 | diaphragm same skin same suct \$3 same chamber same microphone\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/21 11:57 |
| S60 | 0 | diaphragm same skin same suct \$3 same microphone\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/21 11:57 |
| S61 | 132 | diaphragm same skin same suct \$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/21 11:58 |
| S62 | 0 | ((("381"/\$).cccls.) and S61 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/21 11:58 |
| S63 | 26 | ((("600"/\$).cccls.) and S61 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/21 11:58 |
| S64 | 24 | "4206761" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/21 12:10 |
| S65 | 73 | audio same microphone\$1 same mastoid | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/21 17:42 |
| S66 | 8 | ((("381"/\$).cccls.)and S65 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/21 17:42 |
| S67 | 73 | audio same microphone\$1 same mastoid | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/21 21:02 |
| S68 | 20 | S67 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/21 21:02 |
| S69 | 68 | (suct\$4 or vacu\$4) same member same (diaphragm or membrane) same microphone\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/22 10:58 |
| S70 | 2 | (suct\$4 or vacu\$4) same member same (diaphragm or membrane) same microphone\$1 same adhesive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/22 10:59 |
| S71 | 12 | (suct\$4 or vacu\$4) same (diaphragm or membrane) same microphone\$1 same adhesive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/22 11:01 |
| S72 | 6 | S71 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/22 11:02 |

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|-----|--------|---|--|----|----|---------------------|
| S73 | 138 | "5853005" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/22 13:01 |
| S74 | 128 | ("3547106" "3972320" "4146885" "4366533" "4407293" "4438771" "4619270" "4630614" "4694839" "4722346" "4813427" "4862144" "5515865" "5532681" "5557263" "5559497" "5581238" "Re32180").PN. OR ("5853005").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/04/22 13:08 |
| S75 | 128 | ((("381"/\$).ccls.) and mastoid and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/22 17:17 |
| S76 | 128 | ((("381"/\$).ccls.) and mastoid and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/22 17:17 |
| S77 | 1 | "7246058".pn. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/23 09:34 |
| S78 | 0 | diaphragm same adhesive same skin same suct\$3 same remov \$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/25 17:24 |
| S79 | 49 | diaphragm same adhesive same suct\$3 same remov\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/25 17:24 |
| S80 | 4 | S79 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/25 17:25 |
| S81 | 3913 | diaphragm near2 remov\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/25 17:26 |
| S82 | 2160 | diaphragm near remov\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/25 17:26 |
| S83 | 1158 | diaphragm adj remov\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/25 17:27 |
| S84 | 29 | ((("381"/\$).ccls.) and S83 and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/04/25 17:28 |
| S85 | 134228 | suct\$3 same remov\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/25 17:34 |
| S86 | 23641 | suct\$3 near2 remov\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/25 17:35 |
| S87 | 14238 | suct\$3 near remov\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/25 17:35 |

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|------|--------|---|--|----|----|---------------------|
| S88 | 7615 | diaphragm same adhesive | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/25 17:35 |
| S89 | 0 | S87 same S88 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/04/25 17:36 |
| S90 | 4 | S88 and S87 and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/04/25 17:36 |
| S91 | 40 | ("1883791" "2028640" "2171053" "2190550" "2623369" "2632669" "2706659" "2720415" "2722978" "2739632" "2908473" "3514065" "3750991" "4580751" "4846429").PN. OR ("5176357"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/04/25 17:45 |
| S92 | 14655 | suct\$3 near remov\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/04/26 09:55 |
| S93 | 250201 | diaphragm\$1 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/26 09:56 |
| S94 | 95 | S92 same S93 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/26 09:56 |
| S95 | 0 | ((("381"/\$).ccls.) and S94 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/26 09:56 |
| S96 | 44 | S94 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/26 09:57 |
| S97 | 138 | "5853005" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/04/26 09:59 |
| S98 | 128 | ("3547106" "3972320" "4146885" "4366533" "4407293" "4438771" "4619270" "4630614" "4694839" "4722346" "4813427" "4862144" "5515865" "5532681" "5557263" "5559497" "5581238" "Re32180").PN. OR ("5853005").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/04/26 10:09 |
| S99 | 1 | "7299159" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/04/26 10:14 |
| S100 | 1 | "7299159" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/04/26 10:14 |

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| S101 | 8 | ("20020124295" "20040260156" "20050124864" "5853005" "6083248" "6605038" "6616613" "6804558").PN. OR ("7299159").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/04/26 10:14 |
| S102 | 512998 | ni suhan.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/11 10:16 |
| S103 | 485 | suhan ni.xp. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/11 10:17 |
| S104 | 487 | suhan ni.xa. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/11 10:23 |
| S105 | 326 | ((("455"/\$).ccs.) and (hearing adj aid) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/11 10:31 |
| S106 | 142 | S105 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/07/11 10:31 |
| S107 | 2 | ("20050053243").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/07/11 11:35 |
| S108 | 92 | ((("20050244020") or ("6420975") or ("20040155770") or ("5313556") or ("20080103769") or ("6012334") or ("6227054") or ("6438243") or ("6487531") or ("6963841") or ("7082395") or ("7280964") or ("20030061050") or ("20030182111") or ("20030229497") or ("5640450") or ("5398287") or ("20070055528") or ("6754632") or ("5659620") or ("5640490") or ("5873062") or ("5465317") or ("4445229") or ("4881266") or ("6263307") or ("6066790") or ("6219641") or ("6219641") or ("4888806") or ("5214709") or ("5457769") or ("5549658") or ("5749912") or ("6310833") or ("7096185") or ("20050172319") or ("20060217967") or ("20070016847") or ("20080162145") or ("20080281601") or ("5455842") or ("5680505") or ("6205425") or ("4281994") or ("6224455") or ("6224455") or ("6353671") or ("6389111") or ("6426919")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/11/14 12:06 |
| S109 | 1 | ((TANJA) near2 (SCHULTZ)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/14 12:16 |

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|------|----|---|--|----|-----|---------------------|
| S110 | 3 | ((ALEXANDER) near2 (WAI BEL)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/14 12:16 |
| S111 | 7 | ((("4686693") or ("4052720") or ("4476572"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/11/14 15:12 |
| S112 | 29 | ("3213851" "3406344" "3701946" "3814856" "3980827" "4024535" "4054751" "4059726" "4080602" "4082918" "4185167" "4189713" "4228402" "4280019" "4413261" "4423289" "4438526" "4473906" "4476572" "4550400").PN. OR ("4686693").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/14 15:13 |
| S113 | 32 | ("3205316" "3304368" "3410958" "3567863" "3833897" "3838408").PN. OR ("4052720").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/14 15:16 |
| S114 | 3 | ("4052720" "4529973" "6011819").PN. OR ("7317389"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/14 15:17 |
| S115 | 32 | ("3205316" "3304368" "3410958" "3567863" "3833897" "3838408").PN. OR ("4052720").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/14 15:17 |
| S116 | 9 | ((KLAUS) near2 (MOELLER)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/14 15:55 |
| S117 | 2 | ("6329908").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/11/15 10:41 |
| S118 | 27 | ("3325954" "3980827" "3985957" "4013846" "4059726" "4098370" "4319088" "4330691" "4385210" "4476572" "4506117" "4862159" "4914706" "5033247" "5131048" "5363434" "5406634" "5432858" "5440644" "5740235" "D415764" "D416907" "D420005").PN. OR ("6329908"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/15 10:42 |
| S119 | 21 | ("3213199" "3567863" "3980827" "3985200" "3985957" "4024535" "4052564" "4054751" "4059726" "4098370" "4185167").PN. OR ("4319088"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/15 11:28 |

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| S120 | 2 | ("4185167").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/11/15 12:42 |
| S121 | 0 | ("musicsamemask\$3").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/11/15 12:58 |
| S122 | 1223 | music same mask\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/11/15 12:58 |
| S123 | 5 | ((381/151-152).ccls.) and S122 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/11/15 13:01 |
| S124 | 3 | ((381/151-152).ccls.) and S122 and @ay<="2001" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/11/15 13:02 |
| S125 | 103 | (("381"/\$).ccls.) and S122 and @ay<="2001" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/11/15 13:06 |
| S126 | 1 | "6888945".pn. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/11/15 14:49 |
| S127 | 1 | "4319088".pn. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/11/15 14:56 |
| S128 | 1 | "4052720".pn. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2008/11/15 16:08 |
| S129 | 9 | ((KLAUS) near2 (MOELLER)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/15 16:33 |
| S130 | 202 | ((381/151).ccls.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/11/22 11:07 |
| S131 | 187 | ((381/67).ccls.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/11/22 11:10 |
| S132 | 43 | ((381/70).ccls.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/11/22 11:12 |
| S133 | 5 | ((YOSHITAKA) near2 (NAKAJIMA)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/30 15:18 |
| S134 | 9 | ((MAKOTO) near2 (SHOZAKAI)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/30 15:19 |
| S135 | 1 | ((SAKAE) near2 (FUJIMAKI)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/30 15:48 |
| S136 | 7 | (denoise same microphone\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/09/30 16:05 |

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| S137 | 7 | (denoise same microphone\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/30 16:06 |
| S138 | 5 | "03083828" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/30 16:07 |
| S139 | 2 | ("7246058").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/09/30 16:08 |
| S140 | 9 | ((MAKOTO) near2 (SHOZAKAI)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/30 16:09 |
| S141 | 0 | ("saserukotonitsute").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/02 11:22 |
| S142 | 0 | saserukotonitsute | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/02 11:22 |
| S143 | 160 | conducting same bone same conduction | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/02 11:23 |
| S144 | 2 | ("5185805").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/03 14:20 |

10/ 8/ 2009 12:35:15 PM

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